Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111920\
Data File : BM027840.D
Acq On : 19 Nov 2020 12:35
Operator : JU/CG
Sample : L4710-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AW8

Manual Integrations APPROVED
mohammad
11/20/2020 11:31:57 AM

Quant Time: Nov 19 13:23:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 19 12:03:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	39959	20.00	ng/ul	0.00
18) Naphthalene-d8	11.17	136	171231	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.95	164	107017	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.66	188	219439	20.00	ng/ul	0.00
78) Chrysene-d12	21.77	240	170664	20.00	ng/ul	0.00
86) Perylene-d12	24.19	264	136824	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.49	96	3253	3.11	ng/uL	0.00
5) Phenol-d5	7.46	99	70990	18.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.64	67	47929	20.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.85	132	54263	19.25	ng/ul	0.00
13) 4-Methylphenol-d8	9.03	113	54934	18.65	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	26775	18.52	ng/ul	0.00
22) 2-Nitrophenol-d4	10.24	143	30065	19.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	57124	18.70	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	52205	15.95	ng/ul	0.00
44) Dimethylphthalate-d6	14.35	166	181372	21.36	ng/ul	0.00
47) Acenaphthylene-d8	14.65	160	223182	20.87	ng/ul	0.00
52) 4-Nitrophenol-d4	15.10	143	23647	15.69	ng/ul	0.00
58) Fluorene-d10	15.93	176	154841	20.61	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.03	200	23311	17.48	ng/ul	0.00
71) Anthracene-d10	17.76	188	238874	21.58	ng/ul	0.00
79) Pyrene-d10	20.02	212	254973	24.07	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.03	264	166930	21.73	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	14.39	163	78891	9.101	ng/ul	99
50) Acenaphthene	15.02	153	7837	1.061	ng/ul	93
59) Fluorene	15.99	166	11062	1.334	ng/ul	92
70) Phenanthrene	17.71	178	281839	21.799	ng/ul	98
72) Anthracene	17.80	178	35731	2.717	ng/ul	99
75) Carbazole	18.05	167	21581	1.956	ng/ul	96
77) Fluoranthene	19.69	202	557093	38.912	ng/ul	98
80) Pyrene	20.04	202	431864	31.549	ng/ul	99
83) Benzo(a)anthracene	21.75	228	195795	16.193	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.64	149	13871	2.009	ng/ul	99
85) Chrysene	21.80	228	209196	17.859	ng/ul	96
88) Benzo(b)fluoranthene	23.46	252	214408	22.249	ng/ul#	95
89) Benzo(k)fluoranthene	23.50	252	71209m	7.669	ng/ul	
91) Benzo(a)pyrene	24.09	252	132672	15.539	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	26.69	276	82915	8.386	ng/ul	97
93) Dibenzo(a,h)anthracene	26.69	278	20648	2.503	ng/ul#	83
94) Benzo(g,h,i)perylene	27.46	276	73035	8.803	ng/ul#	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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